



Paul E. Helliher
Director

Department of Pesticide Regulation



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MEMORANDUM

TO: Linda Pardy
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Jimmy Smith
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9174 Sky Park Court, Suite 100
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FROM: John S. Sanders, Ph.D., Chief
Environmental Monitoring Branch
(916) 324-4100

DATE: May 23, 2002

SUBJECT: COMMENTS ON THE CHOLLAS CREEK DIAZINON TOTAL MAXIMUM
DAILY LOAD AND IMPLEMENTATION PLAN

This memorandum contains comments on the total maximum daily load (TMDL) for diazinon in Chollas Creek and its implementation plan. The Department of Pesticide Regulation (DPR) understands and respects the San Diego Regional Water Quality Control Board's (SDRWQCB's) obligations under the Clean Water Act and consent decree to complete this diazinon TMDL. We expect that issues related to diazinon sources, load analysis, allocation, implementation plan, etc., will be commented on extensively by stakeholders that may be more directly affected by the TMDL. Instead of specific technical comments, DPR would like to inform you of the availability of documents addressing urban pesticide use and water quality. These studies will be useful resources to your TMDL:

- *Survey of Residential Pesticide Use and Sales in the Chollas Creek Watershed of San Diego County, California.* The University of California Statewide Integrated Pest Management Project conducted the survey. Cheryl Wilen, Ph.D., is the primary investigator. Chollas Creek is one of several watersheds in Southern California being surveyed by her. Although a final report is not yet available, data have been compiled and analyzed. She can be contacted at (858) 694-2846 or <cawilen@ucdavis.edu>. Recent surveys completed in watersheds in the vicinity of Los Angeles and Orange Counties may also be of relevance to this TMDL.
- *1999-2001 Chollas Creek Watershed Monitoring.* The City of San Diego and its consultants developed a monitoring network for diazinon and other contaminants in the Chollas Creek watershed. Lisa Kay of MEC Analytical Systems, Inc. is the primary investigator. A final report (dated May 2002) is available from DPR as a hard copy



Linda Pardy
Jimmy Smith
May 23, 2002
Page 2

although it is not yet online. Lisa Kay can be contacted at (760) 931-8081 or <kay@mecanalytical.com>.

- *Monitoring of Urban Pesticide Runoff from Test Residential Areas: Annual Report to the Department of Pesticide Regulation.* The Irvine Ranch Water District conducted this residential irrigation and rain runoff monitoring study in Irvine. Eric Akiyoshi is the primary investigator. The first annual report is being currently finalized. In the interim, Eric Akiyoshi, can be contacted for any information on the study, including monitoring data, at (949) 453-5854 or <akiyoshi@irwd.com>.
- *Organophosphorus Pesticides in Stormwater Runoff from Southern California.* The Southern California Coastal Water Research Project monitored stormwater runoff from specific urban land uses. Ken Schiff is the primary investigator. A final report (dated November 9, 2001) is available from DPR as a hard copy, although it is not yet online. Ken Schiff can be contacted at (714) 372-9202 or <kens@sccwrp.org>.
- *Diazinon and Chlorpyrifos Products: Screening for Water Quality Implications.* The San Francisco Estuary Project and TDC Environmental analyzed the various diazinon and chlorpyrifos formulations and sites of use for surface water runoff potential. Kelly Moran, Ph.D., is the primary investigator. A final report (dated March 26, 2001) is available from DPR at <<http://www.cdpr.ca.gov/docs/surfwatr/surfmenu.htm>>. Kelly Moran, Ph.D., can be contacted at (650) 627-8690 or <kmoran@tdcenvironmental.com>.
- *Runoff of Diazinon from Paved Plots and Test Sites.* The County of Alameda studied diazinon runoff from paved plots and urban test sites. James Scanlin is the primary investigator. A final report (dated September 1, 2001) is available from DPR at <<http://www.cdpr.ca.gov/docs/surfwatr/surfmenu.htm>>. James Scanlin can be contacted at (510) 670-6548 or <jims@acpwa.mail.co.alameda.ca.us>.

Thank you for considering these comments. If you have any questions regarding them, or would like to acquire some of the mentioned documents, please contact Nan Singhasemanon, of my staff, at (916) 324-4122 or <nsinghasemanon@cdpr.ca.gov>.

cc: See next page.

Linda Pardy
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May 23, 2002
Page 3

cc: Nan Singhasemanon, Associate Environmental Research Scientist
Dr. Cheryl Wilen
Lisa Kay
Eric Akiyoshi
Ken Schiff
Dr. Kelly Moran
Jim Scanlin

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